Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 10 Jun 2023 until 23:59 on Sunday 11 Jun 2023

Forecast Issued on Saturday 10 Jun 2023 at 04:07

Confidence: High for main theme of hotter but potentially stormy conditions, but low for shower and thunderstorm detail.

Headline for Saturday 10 Jun 2023: Very warm, with early sunshine giving way to risk of isolated thundery downpours later.

Mountain weather hazards on Saturday 10 Jun 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny	Thundery showers	Sunny intervals	Partly cloudy (night)
Precipitation probability					
10%	10%	30%	40%	20%	10%

Forecast for Saturday 10 Jun 2023

Weather: Extensive low cloud across eastern areas of the Peak District will burn away this morning, probably more readily than of late. This will leave sunny periods this morning, with the UV index becoming very high. This afternoon cloud will increase, but still bright or sunny spells will occur, bringing the chance of isolated very heavy showers or thunderstorms developing, with a risk of localised gusty winds and hail. This evening showers or thunderstorms will mostly fade away.

Chance of cloud-free hill tops above 600m: 20% in the east at first, becoming generally greater than 90%.

Low cloud and visibility: Areas of cloud down to 200m in the east at first, soon clearing. Visibility generally very good, but very marked localised deterioration in hail and heavy showers and hill fog.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Saturday 10 Jun 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/24 E	18/23 E	18/25 E	19/26 E	17/24 E	16/25 E	18/26 SE
300	13/17 NE	13/17 NE	19/26 E	17/25 E	14/23 E	15/27 E	14/25 E
Valley	17/31 E	15/26 E	15/27 E	13/26 E	10/23 E	10/24 E	10/21 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	14/10	18/14	21/17	20/17	17/14	16/12
300	12/9	17/15	22/18	24/21	23/20	19/16	18/14
Valley	13/10	18/15	23/20	25/23	23/22	19/17	17/16
Freezing Level*	2700m	2800m	2900m	3000m	3000m	2900m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The very high UV levels, high temperatures and humidity will lead to the need for sun protection and a risk of dehydration. The presence of thunderstorms is likely to give a risk of more variable winds than shown, with strengths perhaps to around 40mph, along with localised slippery conditions and runoff with the downpours.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 10 Jun 2023	0mm	0mm	0mm

Forecast for Sunday 11 Jun 2023

Weather: Any remaining thundery showers die away through the early hours to leave the Peak District largely dry by dawn, but cloudier than of late, with some ragged low cloud around. Probably bright rather than sunny through the morning, with rising temperatures again sparking the risk of further very heavy, slow-moving thundery showers with hail and gusty winds in places. These are likely to continue early in the evening, then easing late evening.

Maximum wind: 20mph, mainly east or southeasterly, but some variability given showers.

Chance of cloud-free hill tops above 600m: 90%.

Low cloud and visibility: Some low cloud to around 500m and perhaps some valley mist, tending to clear into daybreak.

Temperature: **Valleys:** Plus 13 becoming plus 25 Celsius.
At 600m: Plus 19 Celsius.
Freezing level: Well above the peaks.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.